

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001266

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: B22D 17/20, B22D 45/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPAT, ESP@CE, USPTO: vent, chill, block, casting

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0930114 B1 (NGK INSULATORS, LTD.) 02 May 2003 Para 3-8, figs. 1-3 and 5-10	1,4-12,16-25
X	US 6,425,433 B1 (HAYES) 30 July 2002 Abstract, fig. 5	1,4-12,16-25
X	US 5,586,596 A (FREEMAN) 24 December 1996 Figs. 2, 5 and 6	17-20
X	US 4,577,670 A (MOORE) 25 March 1986 Claims and fig. 2	17-20

☐ Further documents are listed in the continuation of Box C

☐ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"B" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
6 October 2004

Date of mailing of the international search report

18 OCT 2004

Name and mailing address of the ISA/AU

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 855495 (WALTER MILTON GOLDHAMER) 30 November 1960 Whole document	1,4-12,16-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001266

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
EP	0930114	CN	1220925	HK	1023532	JP	11151564
		US	5913356				
US	6425433		NONE				
US	5586596	CA	2159023				
US	4577670	CA	1232427				
GB	855495		NONE				
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							